

WE CLAIM

- 1 1. An architectural preset rotary and slide control device comprising:
2 an N-mode latch where N is an integer equal to 2 or greater;
3 a switch having a pole terminal and a plurality of receiving terminals
4 where the switch is mechanically coupled to the N-mode latch and can be set to a
5 plurality of modes by the activation of the latch; and
6 a variable control component electrically coupled to the switch such
7 that when the switch is set to a mode, the pole terminal is caused to electrically couple
8 to one of the plurality of receiving terminals allowing electrical energy at the pole
9 terminal to be routed through the switch to the one of the plurality of receiving
10 terminals and operation of the variable control component controls the amount of
11 electrical energy that is routed through the switch.
- 1 2. The device of claim 1 in which the N-mode latch comprises a plunger which when
2 depressed causes the latch to be activated and is set into one of N different positions
3 corresponding to a mode of the latch.
- 1 3. The device of claim 2 further comprising a leaf spring having a first end, a second
2 end and a dimpled center portion and the switch has a switch actuator such that when
3 the leaf is positioned to allow its first end to make contact with a lower portion of the
4 plunger, the leaf spring partially rotates about its dimpled center portion to enable the
5 second end to make contact with the switch actuator setting the switch into one of a
6 plurality of switch modes.
- 1 4. The device of claim 3 where the N-mode latch, the switch and the variable control
2 component are single-piece modular components.
- 1 5. The device of claim 2 further comprising a pushbutton coupled to an actuator that
2 presses the plunger of the N-mode latch when the pushbutton is pressed thus
3 activating the latch.

1 6. The device of claim 2 where the variable control component is a potentiometer
2 with rotary control.

1 7. The device of claim 2 where the variable control component is a sliding
2 potentiometer that engages with a slide control arrangement comprising guide bars
3 fixedly attached to a glide plate allowing a slider to slidably engage the guide bars
4 with slider arms that are coupled to opposite ends of a slider bar forming a sliding
5 actuator that engages the variable sliding potentiometer.